

Title (en)
TERMINAL DEVICE AND BASE STATION DEVICE

Title (de)
ENDGERÄTEVORRICHTUNG UND BASISSTATIONSVORRICHTUNG

Title (fr)
DISPOSITIF TERMINAL, ET DISPOSITIF STATION DE BASE

Publication
EP 3429245 A4 20191002 (EN)

Application
EP 17762958 A 20170224

Priority
• JP 2016046646 A 20160310
• JP 2016080869 A 20160414
• JP 2017007075 W 20170224

Abstract (en)
[origin: EP3429245A1] The present invention relates to a terminal apparatus and a base station apparatus that enable efficient communication. To perform efficient uplink transmission by using a non-allocated frequency band or a shared frequency band. A terminal apparatus includes a reception unit configured to receive a message of terminal capability enquiry and a transmission unit that transmits terminal capability information in a case that the message has been received. In a case that the terminal capability information includes first information indicating that uplink LAA is supported, the transmission unit transmits a first PUSCH of a first resource allocation type or a second resource allocation type in a cell that is other than an LAA secondary cell, whereas in the LAA secondary cell, transmits a second PUSCH of a third resource allocation type.

IPC 8 full level
H04W 8/24 (2009.01); **H04W 16/14** (2009.01); **H04W 72/04** (2009.01); **H04W 72/12** (2009.01); **H04W 72/14** (2009.01)

CPC (source: EP US)
H04W 8/24 (2013.01 - EP US); **H04W 16/14** (2013.01 - EP US); **H04W 72/04** (2013.01 - EP US); **H04W 72/0446** (2013.01 - US); **H04W 72/21** (2023.01 - US); **H04W 72/23** (2023.01 - EP US); **H04W 74/02** (2013.01 - EP US)

Citation (search report)
• [Y] WO 2015127592 A1 20150903 - HUAWEI TECH CO LTD [CN]
• [Y] LG ELECTRONICS: "PUSCH transmission in LAA", vol. RAN WG1, no. St Julian's, Malta; 20160215 - 20160219, 14 February 2016 (2016-02-14), XP051053954, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/Meetings_3GPP_SYNC/RAN1/Docs/> [retrieved on 20160214]
• See references of WO 2017154618A1

Cited by
EP4057664A4; EP4098066A4; WO2021151378A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3429245 A1 20190116; EP 3429245 A4 20191002; EP 3429245 B1 20201111; CN 108781362 A 20181109; CN 108781362 B 20211029; US 10708764 B2 20200707; US 2019090126 A1 20190321; WO 2017154618 A1 20170914

DOCDB simple family (application)
EP 17762958 A 20170224; CN 201780015340 A 20170224; JP 2017007075 W 20170224; US 201716082693 A 20170224